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PTO/SB/21 (09-04)

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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/559,155
Filing Date	December 5, 2005
First Named Inventor	MIYAZONO, K.
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	44342.018300

### ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>1. English Language Translation of the International Preliminary Search Report<br>2. Information Disclosure Statement by Applicant (2 pages)<br>3. Cited References (6)<br>4. Certificate of Mailing<br>5. A self-addressed stamped postcard |
|--|---|---|

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	GREENBERG TRAURIG		
Signature			
Printed name	GERARD F. DIEBNER		
Date	January 6, 2006	Reg. No.	31,345

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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Typed or printed name	MARTHA L. MATOS	Date	1/6/06



Attorney Docket No. 44342.018300

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of: MIYAZONO, et. al.**

**SERIAL NO.:** 10/559,155

**Group Art Unit:** TBD

**FILED:** December 5, 2005

**Examiner:** TBD

**FOR:** OSTEOGENESIS PROMOTION ENHANCER AND METHOD OF  
SCREENING THE SAME

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Mail Stop: AMENDMENT  
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**PRIOR ART SUBMISSION**

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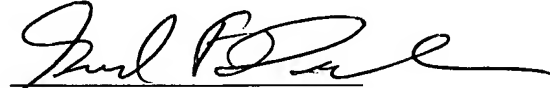
Enclosed herewith please find an English Language translation of the International Preliminary Search Report ("IPER"), references cited and a PTO Form 1449.

Some of the cited references are not in English. As to those references, Applicants submit partial translations of the portions cited in the IPER.

No fee is believed due by the submission of these documents. If a fee is due, however, please deduct that fee from our Account No. 50-1561.

Dated: January 6, 2006

By: Respectfully submitted,



Gerard F. Diebner

Registration No. 31,345

Customer Number: 32361

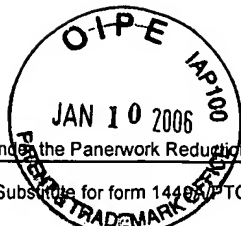
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Substitute for form 1449A PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/559,155
Filing Date	December 5, 2005
First Named Inventor	K. MIYAZONO
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	44342.018300

Sheet 1

of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>3</sup> "Number" <sup>4</sup> "Kind Code" <sup>5</sup> (if known)				
		WO 2000/61576 A1	10-19-00	Smithkline Beecham	See IPER	
		WO 2002/22871 A2	3-21-02	Decode Genetics	See IPER	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/559,155
		Filing Date	December 5, 2005
		First Named Inventor	K. MIYAZONO
		Art Unit	TBD
Examiner Name	TBD		
Sheet 2	of 2	Attorney Docket Number	44342.018300

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Kunio TAKAOKA, Tominaga SHIMIZU, "BMP ni yoru Hone Saisei to Kotsu Soshosho," Igaku no Ayumi, 2001, Vol. 198, p. 625-629	
		SPINELLA-JAEGLE, S. et al., Opposite effects of bone morphogenetic protein-2 and transforming growth factor-beta1 on osteoblast differentiation, Bone, 2001, Vol. 29, No. 4, p. 323-330	
		Shingo MAEDA, Kenji IMAMURA, Kohei MIYAZONO, "TGF- beta/BMP Signal to Kotsuga Saibo Bunka," Experimental Medicine, 2002, Vol. 20, no. 17 (Zokan), p. 101-106	
		INMAN, Gareth J. et al., SB-431542 is a potent and specific inhibitor of transforming grown factor-beta superfamily type I activin recepter-like kinase (ALK) recepters ALK4, ALK5, and ALK7, Molecular Pharmacology, 2002, Vol. 62, No. 1, pages 65-74	

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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